

DPD-6805-59

6 October 1959

MEMORANDUM FOR: Acting Chief, DPD

THROUGH : Chief, DB/DPD

SUBJECT : P2V7 Test Directive for Phase VI at Eglin AFB

1. The attached Eglin test directive provides authority and delineates responsibilities of the various Eglin AFB organizations for conduct of the present P2V7 tests at Eglin. Our principal interest in the document is what tests are being conducted and the schedule.

2. In brief the following is provided:

a. 180 hours of P2V7 flying time broken down as follows:

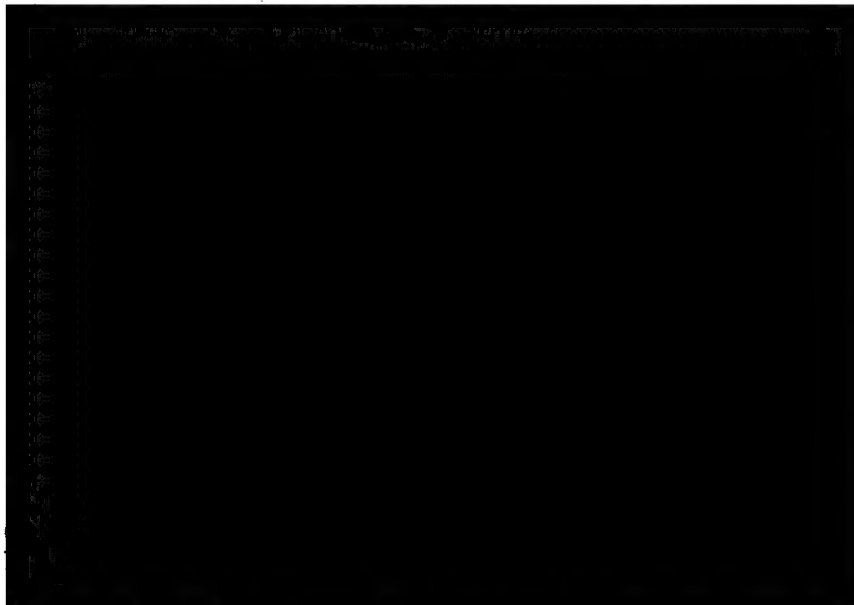
- 1) Ferry Burbank to Eglin 10 hours
- 2) Calibration and shake down 8 hours
- 3) Skyhook tests (14 flights) 70 hours
  - Flight 1 - 10 Day pickups of Dummies
  - " 2 - 10 " " " "
  - " 3 - 15 " " " "
  - " 4 - 12 " " " "
  - Plus 2 kit drops
  - 5 - 9 Night Pickups of Dummies
  - Plus 2 kit drops
  - 6 - 9 Night Pickups of Dummies
  - Plus Kit Drops
  - 7 - 10 Night Pickups of Dummies
  - Plus Kit Drops
  - 8 - 10 Night Pickups of Dummies
  - Plus Kit Drops
  - 9 - 10 Night Pickups of Dummies
  - Plus Kit Drops
  - 10 - 10 Night Pickups of Dummies
  - Plus Kit Drops
  - 11 - 10 Night Pickups of Dummies
  - 12 - 5 Day Pickups of Dummies
  - Plus Kit Drops for demonstrations as desired
  - 13 - 5 Night Pickups of Dummies
  - Plus Kit Drops for demonstrations as desired

14 - 5 live pickups (4 day and one night)

(Total of 130 pickups. During these pickups, various types of balloons, tie ropes, and dummy sizes will be used. In addition, the intensity and arrangement of the lights on the tie rope will be varied on the night pickups.)

4) ASN-7 Navigation Computer Tests - 4 flights  
These flights will be to determine the accuracy and reliability of the ASN-7 system.

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3. At the present time the Skyhook tests are under way and will require approximately three (3) weeks more to complete. The other tests (ASN-7 and Elint) will require approximately two (2) months in addition to the Skyhook tests. The final completion date now is estimated for 31 December 1959.

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Major, USAF  
DB/DPD

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DPD-DD/P

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